

SEQUENCE LISTING

<110> Marotti, Keith R.
Poorman, Roger A.
Wells, Peter Andrew
Shinabarger, Dean L.

<120> Elongation Factor P (EFP) And Assays And Antimicrobial Treatments Related To The Same

<130> PUJ-0041

<140> Not Yet Available

<141> Herewith

<150> 60/117,473

<151> 1999-01-27

<160> 3

<210> 1

<211> 185

<212> PRT

<213> *Staphylococcus aureus*

<220>

<223>

<400> 1

Met Ile Ser Val Asn Asp Phe Lys Thr Gly Leu Thr Ile Ser Val Asp

1 5 10 15

Asn Ala Ile Trp Lys Val Ile Asp Phe Gln His Val Lys Pro Gly Lys

20 25 30

Gly Ser Ala Phe Val Arg Ser Lys Leu Arg Asn Leu Arg Thr Gly Ala

35 40 45

Ile Gln Glu Lys Thr Phe Arg Ala Gly Glu Lys Val Glu Pro Ala Met

50 55 60

Ile Glu Asn Arg Arg Met Gln Tyr Leu Tyr Ala Asp Gly Asp Asn His

65 70 75 80

Val Phe Met Asp Asn Glu Ser Phe Glu Gln Thr Glu Leu Ser Ser Asp

85 90 95

Tyr Leu Lys Glu Glu Leu Asn Tyr Leu Lys Glu Gly Met Glu Val Gln

100 105 110

Ile Gln Thr Tyr Glu Gly Glu Thr Ile Gly Val Glu Leu Pro Lys Thr

115 120 125

Val Glu Leu Thr Val Thr Glu Thr Glu Pro Gly Ile Lys Gly Asp Thr

130 135 140

Ala Thr Gly Ala Thr Lys Ser Ala Thr Val Glu Thr Gly Tyr Thr Leu
145 150 155 160

Asn Val Pro Leu Phe Val Asn Glu Gly Asp Val Leu Ile Ile Asn Thr
165 170 175

Gly Asp Gly Ser Tyr Ile Ser Arg Gly
180 185

<210> 2

<211> 188

<212> PRT

<213> *Escherichia coli*

<220>

<223>

<400> 2

Met Ala Thr Tyr Tyr Ser Asn Asp Phe Arg Ala Gly Leu Lys Ile Met
1 5 10 15

Leu Asp Gly Glu Pro Tyr Ala Val Glu Ala Ser Glu Phe Val Lys Pro
20 25 30

Gly Lys Gly Gln Ala Phe Ala Arg Val Lys Leu Arg Arg Leu Leu Thr
35 40 45

Gly Thr Arg Val Glu Lys Thr Phe Lys Ser Thr Asp Ser Ala Glu Gly
50 55 60

Ala Asp Val Val Asp Met Asn Leu Thr Tyr Leu Tyr Asn Asp Gly Glu
65 70 75 80

Phe Trp His Phe Met Asn Asn Glu Thr Phe Glu Gln Leu Ser Ala Asp
85 90 95

Ala Lys Ala Ile Gly Asp Asn Ala Lys Trp Leu Leu Asp Gln Ala Glu
100 105 110

Cys Ile Val Thr Leu Trp Asn Gly Gln Pro Ile Ser Val Thr Pro Pro
115 120 125

Asn Phe Val Glu Leu Glu Ile Val Asp Thr Asp Pro Gly Leu Lys Gly
130 135 140

Asp Thr Ala Gly Thr Gly Gly Lys Pro Ala Thr Leu Ser Thr Gly Ala
145 150 155 160

Val Val Lys Val Pro Leu Phe Val Gln Ile Gly Glu Val Ile Lys Val
165 170 175

Asp Thr Arg Ser Gly Glu Tyr Val Ser Arg Val Lys
180 185

3